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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|----------------|----------------------|-------------------------|------------------|
| 09/757,332 | 01/09/2001 | Samuel I. Achilefu | MRD-66 | 5505 |
| 26875 7: | 590 06/26/2003 | | | |
| WOOD, HERRON & EVANS, LLP 2700 CAREW TOWER 441 VINE STREET | | | EXAMINER | |
| | | | JONES, DAMERON L | |
| CINCINNATI, OH 45202 | | | 12212 | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 1616 | ID |
| | | | DATE MAILED: 06/26/2003 | 10 |

Please find below and/or attached an Office communication concerning this application or proceeding.

| · · · · · | | | | | |
|---|---|--|--|--|--|
| | | Application N . | Applicant(s) | | |
| | Office A - 4' O | 09/757,332 | ACHILEFU ET AL. | | |
| | Office Action Summary | Examin r | Art Unit | | |
| | | D. L. Jones | 1616 | | |
| Peri d fo | The MAILING DATE of this communicati n ap or Reply | pears n the c ver sheet with | the c rrespondence address | | |
| THE - External after - If the - If NC - Failu - Any r | ORTENED STATUTORY PERIOD FOR REPL MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1. SIX (6) MONTHS from the mailing date of this communication. a period for reply specified above is less than thirty (30) days, a reply period for reply is specified above, the maximum statutory period to reply within the set or extended period for reply will, by statuted the reply received by the Office later than three months after the mailined patent term adjustment. See 37 CFR 1.704(b). | 136(a). In no event, however, may a repoly within the statutory minimum of thirty (will apply and will expire SIX (6) MONTHER cause the application to become APAC | ly be timely filed 30) days will be considered timely. 45 from the mailing date of this communication. | | |
| 1) | Responsive to communication(s) filed on | · | | | |
| 2a)□ | This action is FINAL . 2b) TI | nis action is non-final. | | | |
| 3)□ Dispositi | Since this application is in condition for allow closed in accordance with the practice under on of Claims | ance except for formal matte Ex parte Quayle, 1935 C.D. | ers, prosecution as to the merits is 11, 453 O.G. 213. | | |
| 4)🖂 | Claim(s) 1-20 is/are pending in the application | n. | | | |
| | 4a) Of the above claim(s) is/are withdra | wn from consideration. | • | | |
| · | Claim(s) is/are allowed. | | • | | |
| 6)□ | Claim(s) is/are rejected. | | | | |
| | Claim(s) is/are objected to. | | · | | |
| | Claim(s) <u>1-20</u> are subject to restriction and/or | election requirement | • | | |
| | on Papers | oronom roquii omorii. | | | |
| 9)[7 | The specification is objected to by the Examine | er. | • | | |
| 10)[] 1 | The drawing(s) filed on is/are: a)□ acce | pted or b) objected to by the | Examiner. | | |
| | Applicant may not request that any objection to th | | | | |
| 11) 🔲 7 | 11) ☐ The proposed drawing correction filed on is: a) ☐ approved b) ☐ disapproved by the Examiner. | | | | |
| | If approved, corrected drawings are required in re | ply to this Office action. | · | | |
| 12)□ T | he oath or declaration is objected to by the Ex | aminer. | · | | |
| Pri rity u | nder 35 U.S.C. §§ 119 and 120 | , | • | | |
| 13) | Acknowledgment is made of a claim for foreigr | n priority under 35 U.S.C. § 1 | 19(a)-(d) or (f). | | |
| a) ☐ All b) ☐ Some * c) ☐ None of: | | | | | |
| | 1. Certified copies of the priority document | s have been received. | | | |
| : | 2. Certified copies of the priority document | s have been received in App | lication No. | | |
| | Copies of the certified copies of the prior application from the International Bu the attached detailed Office action for a list | rity documents have been red reau (PCT Rule 17.2(a)). | ceived in this National Stage | | |
| | cknowledgment is made of a claim for domesti | | | | |
| a) 15)∐ A | ☐ The translation of the foreign language procknowledgment is made of a claim for domesti | visional application has beer | received. | | |
| Attachment(| • | <u> </u> | _ | | |
| 2) Notice 3) Inform | of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-948) ation Disclosure Statement(s) (PTO-1449) Paper No(s) | 4) N Interview Sum 5) Notice of Infor — Other: | nmary (PTO-413) Paper No(s). 4 | | |
| S. Patent and Trace PTO-326 (Rev. | 04.043 | tion Summary | Part of Paper No. 10 | | |

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RESTRICTION INTO GROUPS

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-3 and 18-20, drawn to compounds having the formula as set forth in independent claims 1 and 18, classified in class 548, subclass 100+.
- II. Claims 4-12, 16, and 17, drawn to a method of performing a diagnostic procedure as set forth in independent claim 4, classified in class 424, subclass 9.6.
- III. Claims 4-7, 10, 11, and 13-17, drawn to a method of performing a therapeutic procedure as set forth in independent claim 4, classified in class 514, subclass 359.

Note: Claims appearing in more than one group will only be examined to the extent that they read upon the elected invention.

2. The inventions are distinct, each from the other because of the following reasons: Inventions (I and II) and (I and III) are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case, the product as claimed may be used in two distinct procedures, for diagnosing or therapeutic (treatment) purposes.

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3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

ELECTION OF SPECIES

4. This application contains claims directed to the following patentably distinct species of the claimed invention having the formula as set forth in independent claims 1, 4, and 18. In particular, the compounds contain the variables W3, X3, Y3, Z3, R29-R37, A1-D1, a3, and b3 which depending upon their variable value yield structurally different compounds.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable.

<u>Note</u>: Applicant is respectfully requested to elect a species for search purposes from within the elected group above and *identify all variables of the elected species*. In addition, Applicant is respectfully requested to identify the claims that read on the elected species.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

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Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

- 5. A telephone call was made to Ms. Beverly Lyman on 6/23/03 to discuss the above restriction requirement, but did not result in an election being made.
- 6. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 7. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim

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remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. L. Jones whose telephone number is (703) 308-4640. The examiner can normally be reached on Mon.-Fri. (alternate Mon.), 6:45 a.m. - 4:15 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jose' Dees can be reached on (703) 308- 4628. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-4556 for regular communications and (703) 308-4556 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1235.

Primary Examiner
Art Unit 1616

June 23, 2003